

WHAT IS CLAIMED IS:

1. A string-like seal member for use with a leakage testing apparatus, which is formed of elastic material and has a rounded-corner rectangular shape in cross-section having a major axis, a minor axis extending perpendicularly to the major axis and shorter than the major axis, major sides equal to the length of the major axis, and minor sides equal to the length of the minor axis, with the edges at four corners arcuately removed therefrom to form a rounded-corner rectangular shape.
2. The string-like seal member for use with a leakage testing apparatus set forth in claim 1, wherein said minor sides of the rounded-corner rectangular shape in cross-section are formed in a semi-circular arc with a radius of curvature half the length of the minor axis.
3. The string-like seal member for use with a leakage testing apparatus set forth in claim 1, wherein the length of said major axis of the rounded-corner rectangular shape in cross-section does not exceed two times the length of the minor axis.
4. The string-like seal member for use with a leakage testing apparatus set forth in claim 1, wherein the length of said major axis of the rounded-corner rectangular shape in cross-section is set at 1.2~1.5 times the length of the minor axis.
5. A seal ring for use with a leakage testing apparatus, which comprises a seal member strip cut from the seal member set forth in any of claims 1 to 4 and having opposite ends thereof bonded together in the form of a ring in an attitude such that said major axis is oriented in the direction in which a compressive force is exerted.
6. A seal jig for use with a leakage testing apparatus, which has a

pressure-contact surface for an article being tested, said pressure-contact surface having formed therein a ring-shaped recessed groove in which the seal ring for a leakage testing apparatus set forth in claim 5 is mounted such that its major axis is oriented in the direction of the depth of said recessed groove and that one of said
5 minor sides projects out of said recessed groove, the height of that portion of the seal ring projecting out of said recessed groove being set at a height sufficient that a gap remains between the article being tested and the seal jig when the peripheral portion of the opening of the article being tested is brought into pressure-contact with the projecting portion of the seal ring and compresses the seal ring in such a direction as to
10 force it into the recessed groove until a desired seal thrust is reached.

7. The seal jig for use with a leakage testing apparatus set forth in claim 6, which further has a plurality of stoppers are mounted on said pressure-contact surface, the height of said stoppers being set to be lower than the height of that portion of the seal
15 ring projecting out of said recessed groove, the arrangement being such that the peripheral portion of the opening of the article being tested is brought into pressure-contact with the projecting portion of the seal ring and compressively deforms the seal ring in the direction of said major axis until said peripheral portion comes into abutment with said stoppers.

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8. The seal jig for use with a leakage testing apparatus set forth in claim 7, wherein said stoppers are formed of a low thermal conductivity resin.